**MONTHLY REPORT TO EPA FOR COMPLIANCE DETERMINATION -**
**FILTERED SYSTEMS SERVING<10,000 AND USING CONVENTIONAL OR DIRECT FILTRATION**
(Due to EPA by 10th day of the following month)

Month _____ System/Treatment Plant _____
Year _____ Type of Filtration _____
PWSID # _____

**Turbidity Performance Criteria**

A. Total number of Combined Filter Effluent (CFE) water turbidity measurements = _____

B. Total Number of CFE water turbidity measurements that are less than or equal to 0.3 NTU=_____

C. The percentage of CFE turbidity measurements meeting 0.3 NTU = B/A x 100= _____/_____ x 100 = _____%

D. Record the date and turbidity value for any CFE measurements exceeding 1 NTU: if none, enter "NONE" below:

| Date of Exceedance | Time | Turbidity, NTU | EPA Consulted | |
|---|---|---|---|---|
| | | | Date | Time |
| | | | | |
| | | | | |

E. In addition to submitting the attached monitoring report for Individual Filter (IF) monitoring, include the status of any self-assessments, and Comprehensive Performance Evaluation reports which were required.

**Disinfection Performance Criteria**

A. Point-of-Entry Minimum Disinfectant Residual Criteria and CT Criteria

*For the system of _____ the EPA-assigned minimum chlorine residual at the point of entry for compliance with CT requirements is _____mg/L.*

*Check here if doing daily CT calculation _____ (e.g. effluent of the clearwell)*

| Date | Minimum Disinfectant Residual at Point of Entry to Distribution System (mg/L) | Date | Minimum Disinfectant Residual at Point of Entry to Distribution System (mg/L) | Date | Minimum Disinfectant Residual at Point of Entry to Distribution System (mg/L) |
|---|---|---|---|---|---|
| 1 | | 11 | | 21 | |
| 2 | | 12 | | 22 | |
| 3 | | 13 | | 23 | |
| 4 | | 14 | | 24 | |
| 5 | | 15 | | 25 | |
| 6 | | 16 | | 26 | |
| 7 | | 17 | | 27 | |
| 8 | | 18 | | 28 | |
| 9 | | 19 | | 29 | |
| 10 | | 20 | | 30 | |
| | | | | 31 | |

| Days the Residual Was < 0.2 mg/L for > 4 hours | | |
|---|---|---|
| Day | Duration of Low Level (hrs) | Date Reported to EPA |
| | | |
| | | |
| | | |

A. Distribution System Disinfectant Residual Criteria

The value of a, b, c, d and e from Table 6-5, as specified in 40 CFR 141.75(b)(2)(iii)(a)-(e):

a = _____ , b =_____ , c = _____ , d = _____ , e = _____

$$V = \frac{c + d + e}{a + b} \times 100 = \_\_\_\_\_ \%$$

For the previous month, V = _____%

Prepared by _____ Date _____

**DAILY DATA SHEET FOR COMBINED FILTER EFFLUENT (CFE) TURBIDITY**
**Monthly Report to EPA**

**Month** System Treatment Plant:
**Year** Filtration Technology:
PWS ID# :

| Date | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | Highest |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Time | NTU | Time | NTU | Time | NTU | Time | NTU | Time | NTU | Time | NTU | NTU |
| 1 | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | |

NOTE: *N/A = Not Applicable (i.e. Plant not in operation during this time period)

A. Total number of turbidity measurements = ___

B. Total number of turbidity measurements which are less than or equal to specified limits = ___

C. B/A * 100 = ___/____* 100 = _____%

**DISTRIBUTION SYSTEM DISINFECTANT RESIDUAL DATA**
**FOR UNFILTERED AND FILTERED SYSTEMS**
**MONTHLY REPORT TO PRIMACY AGENCY**

Month :
Year :

System/Treatment Plant :
PWSID# :

| Date | No. Of Sites Where Disinfectant Residual was Measured (=a) | No. Of Sites Where no Disinfectant Residual Measured, but HPC Measured (=b) | No. Of Sites Where Disinfectant Residual Not Detected, no HPC Measured (=c) | No. Of Sites Where Disinfectant Residual Not Detected, HPC > 500/ml (=d) | No. Of Sites Where Disinfectant Residual Not Measured, HPC > 500/ml (=e) |
|---|---|---|---|---|---|
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| 6 | | | | | |
| 7 | | | | | |
| 8 | | | | | |
| 9 | | | | | |
| 10 | | | | | |
| 11 | | | | | |
| 12 | | | | | |
| 13 | | | | | |
| 14 | | | | | |
| 15 | | | | | |
| 16 | | | | | |
| 17 | | | | | |
| 18 | | | | | |
| 19 | | | | | |
| 20 | | | | | |
| 21 | | | | | |
| 22 | | | | | |
| 23 | | | | | |
| 24 | | | | | |
| 25 | | | | | |
| 26 | | | | | |
| 27 | | | | | |
| 28 | | | | | |
| 29 | | | | | |
| 30 | | | | | |
| 31 | | | | | |
| **TOTAL** | **a = ___** | b = ___ | c = ___ | d = ___ | e = ___ |
| | | | | | |

$$V=\frac{(c+d+e)}{(a+b)} \times 100 = \quad \%$$

Prepared by:

Date:

**LT1 Monthly Report to the Primacy Agency for Individual Filter (IF) Turbidity Monitoring.**

(This report is only required for a PWS that utilizes conventional or direct filtration and serves < 10,000 people. These PWSs must record the turbidity from every filter every 15 minutes (or Combined Filter Effluent may be measured every 15 minutes, in lieu of IFE, if there are two or less filters). Grab sampling every 4 hrs is allowed if the continuous IF turbidimeter fails but for no more than 14 working days. Report within 10 days of the next month.) Date which the IF turbidimeters were last calibrated_____

Month:_____ Year:_____ System/Treatment Plant_____

PWSID #_____ Prepared By_____

| Year_____ Month_____ | List all filters* that exceeded turbidity levels of 1.0 NTU, in 2 consecutive IF readings taken 15 minutes apart. | List all filters* that exceeded turbidity levels of 2.0 NTU, in 2 consecutive IF readings taken 15 minutes apart. | If 1.0 NTU** was exceeded in 2 consecutive IF readings in the same filter 3 months in a row was a self- assessment completed in 14 days? | If 2.0 NTU** was exceeded in the same filter 2 months in a row was a 3rd party CPE arranged in 60 days and completed & submitted in 120 days? |
|---|---|---|---|---|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |
| 12 | | | | |
| 13 | | | | |
| 14 | | | | |
| 15 | | | | |
| 16 | | | | |
| 17 | | | | |
| 18 | | | | |
| 19 | | | | |
| 20 | | | | |
| 21 | | | | |
| 22 | | | | |
| 23 | | | | |
| 24 | | | | |
| 25 | | | | |
| 26 | | | | |
| 27 | | | | |
| 28 | | | | |
| 29 | | | | |
| 30 | | | | |
| 31 | | | | |

*For each filter, attach information identifying those turbidity readings (at 15 min. apart) that caused the exceedance (s). Indicate if the exceedance(s) were caused by obvious reasons (e.g. valve malfunction, etc.) and provide written explanation describing the situation that caused the turbidity exceedance.

**If a PWS has reported an obvious reason for an exceedance in column 2 & 3 it does not count as one of the consecutive months.